FORM	A PTC	-1390 U.S. DEPARTMENT OF CO	MMERCE PATENT AND TRADEMARK OFFICE	LADIO DOCIMENTO 30 APR 200				
(REV.	• •	•	CRPI-101					
		TRANSMITTAL LETTER TO T DESIGNATED/ELECTED OI	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)					
		CONCERNING A FILING UN	10/576,105					
		IONAL APPLICATION NO.	PRIORITY DATE CLAIMED					
			8 October 2004	17 October 2003				
		NVENTION A SOURCE OF DIRECTED BEAMS AND	APPI ICATION THEREOF TO MICRO	OLITHOGRAPHY				
		T(S) FOR DO/EO/US	THE ELECTRON THE REAL TO WHERE	SETTIOGRA III				
Peter				·				
Appli 1. 2.	cant	herewith submits to the United States Designated This is a FIRST submission of items concernin This is a SECOND OR SUBSEQUENT subm	g a filing under 35 U.S.C. 371.					
3.		This express request to begin national examinat expiration of the applicable time limit set in 35	tion procedures (35 U.S.C. 371(f)) at any tim	e rather than delay examination until the				
4.		A proper Demand for International Preliminary		•				
5.6.		A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. is transmitted herewith (required only if not transmitted by the International Bureau). b. has been transmitted by the International Bureau. c. is not required, as the application was filed in the United States Receiving Office (RO/US). A translation of the International Application into English (35 U.S.C. 371(c)(2)). (verified)						
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. are transmitted herewith (required only if not transmitted by the International Bureau). b. have been transmitted by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made.						
8.		A translation of the amendments to the claims u	ander PCT Article 19 (35 U.S.C. 371(c)(3)).	(verified)				
9.		An oath or declaration of the inventor(s) (35 U.	S.C. 371(c)(4)). (3 pages, executed, attached	to a copy of the International Application)				
10.		A translation of the annexes to the International	Preliminary Examination Report under PCT	Article 36 (35 U.S.C. 371(c)(5)).				
Items 11.	11. to	o 16. below concern other document(s) or inform An Information Disclosure Statement under 37						
12.		An assignment document for recording. A sepa	rate cover sheet in compliance with 37 CFR	3.28 and 3.31 is included (3 pages total).				
13.		A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment.						
14.		A substitute specification. (** attached to a red-ink marked-up version of the English language translation)						
15.		A change of power of attorney and/or address le	etter.	·				
16.		Other items or information: Copy of Notification of Missing Requireme Certificate of Mailing by Express Mail (2 p. Return Receipt Postcard Form PTO-1449 (1 Sheet) and a copy of each		therein				

EXPRESS MAIL NO.: EV924406005US

MAILED: 30 April 2007 Customer No.: 42419

p203.1/ mem

Annex US.II, page 2

PCT Applicant's Guide -- Volume II -- National Chapter -- US

				*		
U.S. APPLICATION NO. (if kno 10/576,105	wn, see 37 CFR 1.5)	INTERNATIONAL APPLICATI PCT/FR2004/002656	ION NO.	ATTORNEY'S DOCKET NUMBER CRPI-101		
17. The following	g fees are submitted:			CALCULATIONS PTO USE ONLY		
BASIC NATIONAL FEE	(37 CFR 1.492(a)(1)-(5)):					
Basic National	Filing Fee					
National Stage	Search Fee					
National Stage	Examination Fee					
	ENTE	\$				
Surcharge of \$130.00 for fu the earliest claimed priority	urnishing the oath or declara date (37 CFR 1.492(e)).	\$ 130.00				
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total claims			X \$50.00			
Independent claims			X \$200.00			
MULTIPLE DEPENDENT	CLAIM(S) (if applicable)		+ \$360.00			
		TOTAL OF ABOVE	CALCULATIONS =	\$ 130.00		
☐ Applicant claims s are reduced by 1/2	,	37 CFR 1.27. The fee	_			
		\$ 130.00				
Processing fee of \$130.00 f from the earliest claimed pr	or furnishing the English tra iority date (37 CFR 1.492(f)					
· · · · · · · · · · · · · · · · · · ·		\$ 130.00				
Fee for recording the enclos appropriate cover sheet (37	sed assignment (37 CFR 1.2 CFR 3.28, 3.31). \$40.00 per	\$ 40.00				
05/03/2007 MKAYPAGH 00	0000038 10576105	\$ 170.00				
01 FC:1617 130.00 OP				Amount to be: refunded	\$	
				charged	\$	
a. A check in	n the amount of \$ <u>170.00</u>	_ to cover the above fee is	s enclosed.			
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.						
 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-3550</u>. A duplicate copy of this sheet is enclosed. 						
		der 37 CFR 1.494 or 1.49		etition to revive (37 CF	R 1.137(a) or (b)) must	
	•			Niel C/A		
SEND ALL CORRESPONI	DENCE TO:	SIGNATURE				
		Nick C. Kottis				
Pauley Petersen & Eric 2800 West Higgins Ro				NAME		
Hoffman Estates, Illino						
(847) 490-1400 Fax: (847) 490-1403				31,974		
1 ax. (04/) 470-1403		REGISTRATION NUMBER				
Form PTO-1390 (REV 10-95)	page 2 of 2					

	M PTO (. 5-93)		COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNE'Y'S DOCKET NUMBER					
(·;		TRANSMITTAL LETTER TO	CRPI-101						
		DESIGNATED/ELECTED	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)						
		CONCERNING A FILING	10/576,105						
INTE	RNAT	IONAL APPLICATION NO.	PRIORITY DATE CLAIMED						
PCT	/FR2	004/002656	18 October 2004	17 October 2003					
TITL	E OF I	INVENTION							
PLA	SMA	SOURCE OF DIRECTED BEAMS AN	ND APPLICATION THEREOF TO MICRO	OLITHOGRAPHY					
APPI.	JCAN	T(S) FOR DO/EO/US							
Pete	r CHO	OI							
Appl	icant l	nerewith submits to the United States Designation	ated/Elected Office (DO/EO/US) the following it	items and other information:					
۱.		This is a FIRST submission of items concer	- -						
2.			abmission of items concerning a filing under 35						
3.			ination procedures (35 U.S.C. 371(f)) at any time 35 U.S.C. 371(b) and PCT Articles 22 and 39(1)	•					
4.			nary Examination was made by the 19th month fi	<i>'</i>					
	П								
5.		A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
		 a. is transmitted herewith (required only if not transmitted by the International Bureau). b. has been transmitted by the International Bureau. 							
		· · · · · · · · · · · · · · · · · · ·	20410						
<u> </u>		• • •	vas filed in the United States Receiving Office (R	•					
6.	_	A translation of the international Application	on into English (35 U.S.C. 371(c)(2)). (verified)	!					
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
		a. \square are transmitted herewith (required only if not transmitted by the International Bureau).							
		b. have been transmitted by the Interna							
			time limit for making such amendments has NOT	Γ expired.					
		d. have not been made and will not be	made.						
8.		A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). (verified)							
9.		An oath or declaration of the inventor(s) (35	5 U.S.C. 371(c)(4)). (3 pages, executed, attached	d to a copy of the International Application)					
10.		A translation of the annexes to the Internation	onal Preliminary Examination Report under PCT	Article 36 (35 U.S.C. 371(c)(5)).					
Items	5 I I. to	o 16. below concern other document(s) or info An Information Disclosure Statement under							
12.		An assignment document for recording. A s	separate cover sheet in compliance with 37 CFR	3.28 and 3.31 is included (3 pages total).					
13.		A FIRST preliminary amendment.							
		A SECOND or SUBSEQUENT preliminary	amendment.						
14.		A substitute specification. (** attached to a	red-ink marked-up version of the English langua	age translation)					
15.		A change of power of attorney and/or address	ss letter.	•					
16.		Other items or information: - Copy of Notification of Missing Require - Certificate of Mailing by Express Mail (- Return Receipt Postcard - Form PTO-1449 (1 Sheet) and a copy of		1 therein					

EXPRESS MAIL NO.: EV924406005US

MAILED: 30 April 2007 Customer No.: 42419

Annex US.II, page 2	PCT.	Applicant's Guide Ve	olume II National Ch	apter US		
U.S. APPLiCATION NO. (if kno	own, see 37 CFR 1.5)	INTERNATIONAL APPLICATI PCT/FR2004/002656	ON NO.	ATTORNEY'S DOCKET NUMBER		
10/576,105			CRPI-101			
17. The followin	g fees are submitted:			CALCULATIONS	PTO USE ONLY	
BASIC NATIONAL FEE	E (37 CFR 1.492(a)(1)-(5)):					
Basic National	l Filing Fee					
National Stage	Search Fee		\$ 500.00			
National Stage	Examination Fee					
	ENTI	\$				
Surcharge of \$130.00 for fi the earliest claimed priorit	furnishing the oath or declara y date (37 CFR 1.492(e)).	tion later than 🚨 20 🔳	30 months from	\$ 130.00		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total claims			X \$50.00			
Independent claims			X \$200.00			
MULTIPLE DEPENDENT	Γ CLAIM(S) (if applicable)		+ \$360.00			
		TOTAL OF ABOVE	CALCULATIONS =	\$ 130.00		
☐ Applicant claims are reduced by 1/	small entity status. See 2.					
		\$ 130.00				
	for furnishing the English tra priority date (37 CFR 1.492(f					
		\$ 130.00				
	sed assignment (37 CFR 1.27 CFR 3.28, 3.31). \$40.00 pe	\$ 40.00				
		\$ 170.00				
		Amount to be: refunded	\$			
		charged				
a. A check i	in the amount of \$ 170.00	to cover the above fee	s enclosed.			

2	Examination Fee							
	ENTE	\$						
Surcharge of \$130.00 for fithe earliest claimed priority	urnishing the oath or declara at date (37 CFR 1.492(e)).	\$ 130.00						
CLAIMS	NUMBER FILED							
Total claims			X \$50.00					
Independent claims			X \$200.00					
MULTIPLE DEPENDENT	CLAIM(S) (if applicable)		+ \$360.00					
		TOTAL OF ABOVE	CALCULATIONS =	\$ 130.00				
☐ Applicant claims s are reduced by 1/2	-	37 CFR 1.27. The fee	es indicated above					
			SUBTOTAL =	\$ 130.00				
	for furnishing the English tra riority date (37 CFR 1.492(f	nslation later than 20 (☐ 30 months					
		TOTAL	NATIONAL FEE =	\$ 130.00				
	sed assignment (37 CFR 1.2 CFR 3.28, 3.31). \$40.00 pe	I(h)). The assignment must be property	ne accompanied by an	\$ 40.00				
		\$ 170.00						
	·	Amount to be: refunded	\$					
	40.	charged	\$					
		_ to cover the above fee is						
	Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.							
	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-3550. A duplicate copy of this sheet is enclosed.							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.								
SEND ALL CORRESPON		SIGNATURE Nick C. Kottis						
Pauley Petersen & Eri 2800 West Higgins Re		NAME						
Hoffman Estates, Illin								
(847) 490-1400		31,974						
Fax: (847) 490-1403		REGISTRATION NUMBER						
Form PTO-1390 (REV 10-95)	page 2 of 2							

PALM INTRANET

Day: Friday Date: 5/4/2007 Time: 10:16:14

Application Number Information

Application Number: 10/576105

Assignments

Filing or 371(c) Date: 00/00/0000 eDan

Effective Date: 04/17/2006

Application Received: 04/17/2006

Patent Number:

Issue Date: 00/00/0000 Date of Abandonment: 00/00/0000

Attorney Docket Number: CRPI101

Status: 19 /APPLICATION UNDERGOING PREEXAM PROCESSING Status Date: 04/28/2006

Confirmation Number: 5653

THEREOF TO MICROLITHOGRAPHY

Group Art Unit: 2877

Examiner Number: 00000 /

Class/Subclass: 356/451.000

Lost Case: NO

Interference Number: Unmatched Petition: NO L&R Code: Secrecy Code:1

Third Level Review: NO

Secrecy Order: NO

IFW Madras

Oral Hearing: NO Title of Invention: PLASMA SOURCE OF DIRECTED BEAMS AND APPLICATION

Bar Code PALM Location	Location Date	Charge to Loc	Charge to Name	Employee N	Vame Locat	ion
Appln Contents Petit	ion Info Att	y/Agent Info	Continuity/Ree	exam	Foreign Data	a
Search Another: Appli PCT /	cation#	Search	or Patent# or PG PUBS #	,,	Search	h
Attorne	y Docket #		Searc	h		
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